What is claimed is:

- 1. A method of invoking a remote Web service on a server by an application tool residing on the client, comprising steps of: dynamically generating Web-based forms; dynamically generating Web Services client stubs; invoking the Web service with one or more threads; and transforming invocation results into name value pairs.
- 2. The method according to claim 1, wherein Web-based forms are generated concurrently with said client stubs by said application tool.
- 3. The method according to claim 1, wherein the Web Services invoking step further comprises the step of constructing an invocation object from a WSDL file.
- 4. The method according to claim 1, wherein the Web Services invoking step further comprises the step of constructing an invocation object from said client stubs.
- 5. The method according to claim 1, wherein the Web Services invoking step further comprises the step of constructing an invocation object from loaded classes.
- 6. The method according to claim 1, wherein the Web Services invoking step further comprises the step of recursively transforming SOAP schema types to data types of the underlying programming language.
- 7. The method according to claim 1, wherein the Web Services invoking step further comprises the step of simultaneously processing one or more invocation requests.
- 8. The method according to claim 7, wherein each invocation request causes one or more invocation threads to be generated by said application tool.
- 9. The method according to claim 8, further comprising the steps of: pausing said invocation threads; stopping said invocation threads; and restarting paused invocation threads.
- 10. The method according to claim 1, wherein the Web Services invoking step further comprises the step of cloning prior Web Services invocations.
- 11. The method according to claim 1, further comprising the step of visually transforming said name value pairs into one or more Web pages with one or more predefined templates.
- 12. A system for invoking a remote Web service on a server by an application tool residing on the client, comprising means for: dynamically generating Web-based forms;

dynamically generating Web Services client stubs; invoking the Web service with one or more threads; and transforming invocation results into name value pairs.

- 13. The system according to claim 12, wherein Web-based forms are generated concurrently with said client stubs by said application tool.
- 14. The system according to claim 12, wherein means for invoking said Web service further comprise means for constructing an invocation object from a WSDL file.
- 15. The system according to claim 12, wherein means for invoking said Web service further comprise means for constructing an invocation object from said client stubs.
- 16. The system according to claim 12, wherein means for invoking said Web service further comprise means for constructing an invocation object from loaded classes.
- 17. The system according to claim 12, wherein means for invoking said Web service further comprise means for recursively transforming SOAP schema types to data types of the underlying programming language.
- 18. The system according to claim 12, wherein means for invoking said Web service further comprise means for simultaneously processing one or more invocation requests.
- 19. The system according to claim 18, wherein each invocation request causes one or more invocation threads to be generated by said application tool.
- 20. The system according to claim 19, further comprising means for: pausing said invocation threads; stopping said invocation threads; and restarting paused invocation threads.
- 21. The system according to claim 12, wherein means for invoking said Web service further comprise means for cloning prior Web Services invocations.
- 22. The system according to claim 12, further comprising means for visually transforming said name value pairs into one or more Web pages with one or more predefined templates.
- 23. A computer program product for invoking a remote Web service on a server by an application tool residing on the client, the computer program product embodied on one or more computer-readable media and comprising computer-readable program code means for: dynamically generating Web-based forms; dynamically generating Web Services client stubs; invoking the Web service with one or more threads; and transforming invocation results into name

value pairs.

- 24. The computer program product according to claim 23, wherein Web-based forms are generated concurrently with said client stubs by said application tool.
- 25. The computer program product according to claim 23, wherein means for invoking said Web service further comprise computer-readable program code means for constructing an invocation object from a WSDL file.
- 26. The computer program product according to claim 23, wherein means for invoking said Web service further comprise computer-readable program code means for constructing an invocation object from said client stubs.
- 27. The computer program product according to claim 23, wherein means for invoking said Web service further comprise computer-readable program code means for constructing an invocation object from loaded classes.
- 28. The computer program product according to claim 23, wherein means for invoking said Web service further comprise computer-readable program code means for recursively transforming SOAP schema types to data types of the underlying programming language.
- 29. The computer program product according to claim 23, wherein means for invoking said Web service further comprise computer-readable program code means for simultaneously processing one or more invocation requests.
- 30. The computer program product according to claim 29, wherein each invocation request causes one or more invocation threads to be generated by said application tool.
- 31. The computer program product according to claim 30, further comprising computerreadable program code means for: pausing said invocation threads; stopping said invocation threads; and restarting paused invocation threads.
- 32. The computer program product according to claim 23, wherein means for invoking said Web service further comprise computer-readable program code means for cloning prior Web Services invocations.

33. The computer program product according to claim 23, further comprising computer-readable program code means for visually transforming said name value pairs into one or more Web pages with one or more predefined templates.